

M 5.5, 27km SSW of Puerto San Jose, Guatemala

Origin Time: 2019-11-13 16:28:54 UTC (Wed 10:28:54 local)
Location: 13.6915° N 90.9101° W Depth: 58.4 km

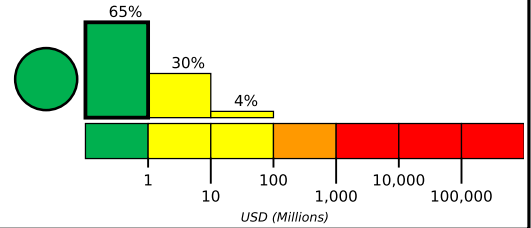
Created: 2 weeks, 0 days after earthquake

Estimated Fatalities

Green alert for shaking-related fatalities and economic losses. There is a low likelihood of casualties and damage.



Estimated Economic Losses

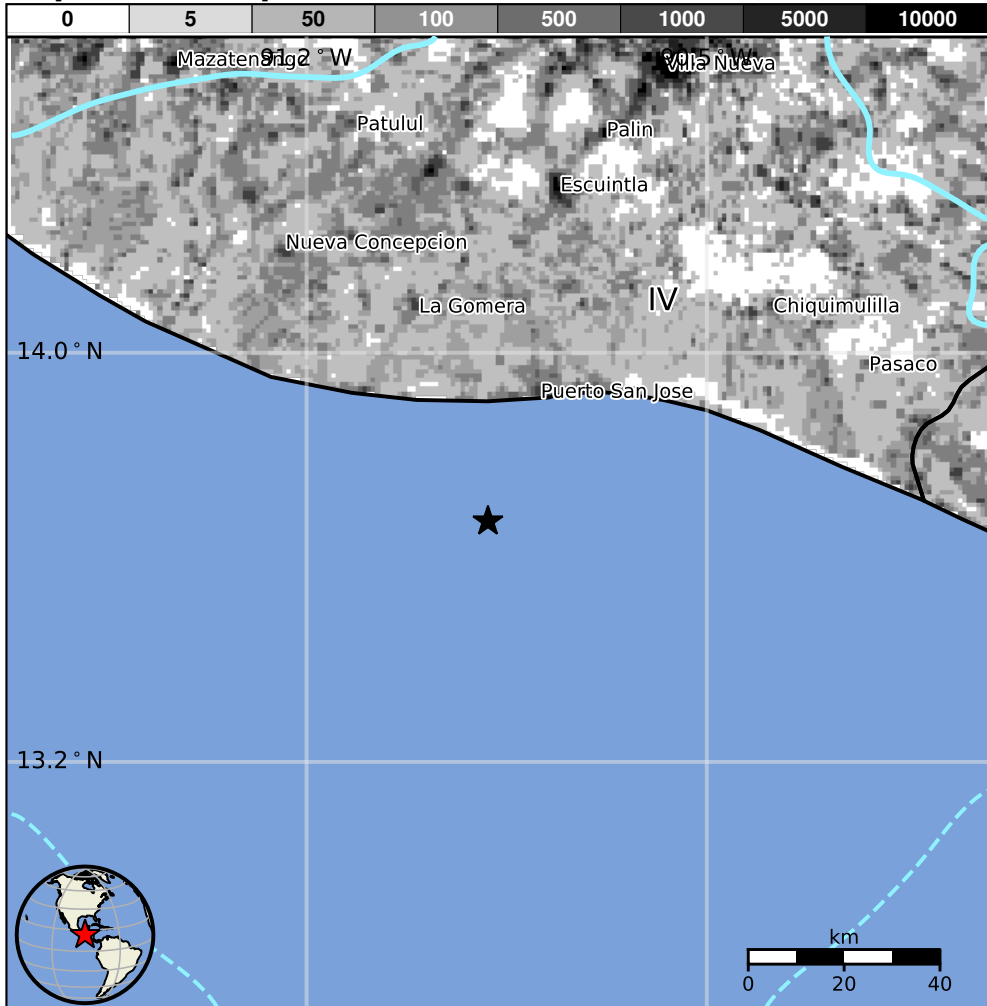


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	499k*	3,473k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall and informal (metal, timber, GI etc.) construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
2001-02-17	195	4.1	V(2,250k)	1
2001-05-08	225	5.7	VII(562k)	1
1976-02-04	260	7.5	IX(80k)	23k

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
IV	Puerto San Jose	19k
IV	Iztapa	4k
IV	La Gomera	24k
IV	La Democracia	5k
IV	Masagua	10k
IV	Guanagazapa	3k
IV	Escuintla	103k
IV	Antigua Guatemala	39k
IV	Cuilapa	16k
III	Mazatenango	44k
III	Retalhuleu	37k

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.
<https://earthquake.usgs.gov/earthquakes/eventpage/us60006b3s#pager>

bold cities appear on map.

(k = x1000)

Event ID: us60006b3s